2012 Structure Summary Report

Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District

Duck Creek Diversion Weir And Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	Α
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	Α
	Monolith Joints	Α
	Safety	Α

Mormon Slough Pumping Plant No. 1

Overall Unit Rating	Rated Item	Item Rating
Α	Operating Log	Α
	Operation & Maintenance Manual	Α
	Plant Building	Α
	Communications	Α
	Safety	Α
	Cranes	N
	Pumps	Α
	Power	Α
	Motors, Engines, Fans & Gear Reducers	Α
	Pump Control Systems	Α
	Sumps/Wet Well	Α
	Trash Racks	Α
	Trash Rakes	N
	Sluice / Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Other Metallic Items	Α
	Flap Gates	Α
	Closure Structures	N
	Security Fencing	М
	Intake and Discharge Pipes	Α

2012 Structure Summary Report

Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District (cont.)

Mormon Slough Pumping Plant No. 2

Overall Unit Rating	Rated Item	Item Rating				
A	Operating Log	Α				
	Operation & Maintenance Manual	Α				
	Plant Building	Α				
	Communications	Α				
	Safety	Α				
	Cranes	N				
	Pumps	Α				
	Power					
	Motors, Engines, Fans & Gear Reducers	Α				
	Pump Control Systems	Α				
	Sumps/Wet Well	Α				
	Trash Racks	Α				
	Trash Rakes	N				
	Sluice / Slide Gates	М				
	Electric Gate Operators	N				
	Manual Gate Operators	Α				
	Other Metallic Items	Α				
	Flap Gates	Α				
	Closure Structures	Α				
	Security Fencing	Α				
	Intake and Discharge Pipes	Α				

Mormon Slough Pumping Plant No. 3

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	А
	Operation & Maintenance Manual	Α
	Plant Building	Α
	Communications	Α
	Safety	Α
	Cranes	N
	Pumps	Α
	Power	Α
	Motors, Engines, Fans & Gear Reducers	Α
	Pump Control Systems	Α
	Sumps/Wet Well	Α
	Trash Racks	Α
	Trash Rakes	N
	Sluice / Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Other Metallic Items	Α
	Flap Gates	Α
	Closure Structures	N
	Security Fencing	Α
	Intake and Discharge Pipes	Α

Flood Control Project Maintenance

Unit Cover Sheet

2012 Structure Inspection Results

Structure	
Duck Creek Diversion Weir And Control Structure	

Structure Rating	Α
Date of Inspection	7/10/2012
DWR Inspector	Pavel Kazi
Accompanied By	Jim Caruso SJCFC&WCD
	Jay Jauregui

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/10/2012 07/10/2012	Pavel Kazi

LMR	Levee	Mile	Catagory	Item	Rating ** Location	Action/Comment	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Category	item	tion	Action/Comment	Start	End	Photo
1	0.00	0.00	Structures	Vegetation & Obstructions	Α	Inspector Comments: There was minimal vegetation around the structure. The flow was not impeded.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
2	0.00	0.00	Structures	Shoaling / Sedimentation	Α	Inspector Comments: No shoaling or sediment was present.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
3	0.00	0.00	Structures	Erosion / Bank Caving	Α	Inspector Comments: No erosion or bank caving was observed on the side of the levee.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	4
4	0.00	0.00	Structures	Revetments	А	Inspector Comments: Existing riprap protection was properly maintained.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
5	0.00	0.00	Structures	Encroachments	Α	Inspector Comments: No trash or debris was found around the structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	6
6	0.00	0.00	Structures	Culverts: Inlets / Outlets	Α	Inspector Comments: The culvert's inlet and outlet were free of any debris.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks	А	Inspector Comments: No visible cracks or holes were found that would result in significant water leakage in the culvert.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	8
8	0.00	0.00	Structures	Metal Pipes	Α	Inspector Comments: The corrugated pipes inside the culvert appeared to be in good condition.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
9	0.00	0.00	Structures	Trash Racks	N	Inspector Comments: This item does not apply to this inspection.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
10	0.00	0.00	Structures	Flap Gates	N	Inspector Comments: No flap gates were present at this structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	11
11	0.00	0.00	Structures	Sluice/Slide Gates	Α	Inspector Comments: The gates appeared to be in good working condition.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	12
12	0.00	0.00	Structures	Electric Gate Operators	N	Inspector Comments: No electric gate operator was found at this structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	13
13	0.00	0.00	Structures	Manual Gate Operators	Α	Inspector Comments: The manual gate appeared to be operational.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	

* Location	
LS : Land Side	
WS : Water Side	

Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/10/2012 07/10/2012	Pavel Kazi

LMR	Levee	Mile	Catagory	Itom	Rating ** Location	Action/Comment	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Category	Item	ing tion	Action/Comment	Start	End	Photo
14	0.00	0.00	Structures	Concrete Surfaces	Α	Inspector Comments: The concrete surfaces had minor cracking and the surface was weathered but they didn't pose any threats to the integrity of the structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
15	0.00	0.00	Structures	Concrete Tilting / Settlement	А	Inspector Comments: No visible sliding or settlement was found on the structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
16	0.00	0.00	Structures	Concrete Foundations	Α	Inspector Comments: No souring or erosion was found near the structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
17	0.00	0.00	Structures	Security Fencing	N	Inspector Comments: No security fence was found in this structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
18	0.00	0.00	Structures	Closure Structures	N	Inspector Comments: This item does not apply to this inspection.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
19	0.00	0.00	Structures	Trash Rakes	N	Inspector Comments: Trash rakes don't exist on this structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
20	0.00	0.00	Structures	Other Metallic Items	Α	Inspector Comments: All metal parts appeared to be in good condition.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
21	0.00	0.00	Structures	Monolith Joints	Α	Inspector Comments: All the monolith joint materials appeared to be in good condition.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
22	0.00	0.00	Structures	Safety	А	Inspector Comments: The wood railing top of the culvert appeared to provide adequate protection against fall hazards.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/10/2012 07/10/2012	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
View of the vegetation at	the control structure.
pkazi_t_20120810_170.jpg	

Levee Mile Report Line	4	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Structures	
Item	Revetments	
View of the revetments looking upstream.		

pkazi_t_20120810_165.jpg		
Levee Mile Report Line	4	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Structures	
Item	Revetments	
View of the revetments to	ooking downstream.	
pkazi_t_20120810_166.jpg		







* Location	
LS : Land Side	
WS : Water Side	
CR : Crown	

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/10/2012 07/10/2012	Pavel Kazi

Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Culverts: Inlets / Outlets
View of the culvert outlet	
pkazi_t_20120810_167.jpg	

Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Culverts: Inlets / Outlets
View of the culvert inlet.	

pkazi_t_20120810_168.jpg	
Levee Mile Report Line	13
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Manual Gate Operators
View of the manual gate.	







Location LS: Land Side WS : Water Side CR : Crown

pkazi_t_20120810_169.jpg

Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/10/2012 07/10/2012	Pavel Kazi

Levee Mile Report Line	14
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Concrete Surfaces
View of the weir.	
pkazi_t_20120810_171.jpg	

pkazi_t_20120810_171.jpg		
Levee Mile Report Line	22	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Structures	
Item	Safety	
View of the railing top of	the culvert.	
pkazi_t_20120810_172.jpg		





Unit Cover Sheet

2012 Pumping Plant Inspection Results

Pumping Plant		
Mormon Slough Pumping Plant No. 1		

Pumping Plant Rating	Α
Date of Inspection	7/17/2012
DWR Inspector	Pavel Kazi
Accompanied By	Jim Caruso SJCFC&WCD
	Jay Jauregui SJCFC

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/17/2012 07/17/2012	Pavel Kazi

LMR	Levee	Mile	Catagony	Item	Rating ** Location	Action/Comment	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Category	item	tion	Action/Comment	Start	End	Photo
1	0.00	0.00	Pump Stations	Operating Log	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Operating log was maintained and present at the pumping plant.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The O&M manual was located next to the operating log.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
3	0.00	0.00	Pump Stations	Plant Building	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building was in good structural condition but there were lot of graffiti markings around the building.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
4	0.00	0.00	Pump Stations	Communications	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: District personnel carry cell phones for communication.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
5	0.00	0.00	Pump Stations	Safety	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: There were no safety hazards found around the structure and the guard rails around the structure were in good condition.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
6	0.00	0.00	Pump Stations	Cranes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No crane was present at this plant.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
7	0.00	0.00	Pump Stations	Pumps	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All pumps were appeared to be in working condition and they were maintained, lubricated and tested periodically.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
8	0.00	0.00	Pump Stations	Power	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and reliable.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The vent fan was operational.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
10	0.00	0.00	Pump Stations	Pump Control Systems	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pump control systems were maintained properly and appeared to be free of damage.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	

Location	
LS : Land Side	
WS : Water Side	

Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/17/2012 07/17/2012	Pavel Kazi

LMR	Levee	Mile	Cotomon	lto	Rating ** Location	Action/Comment	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Category	Item	ing * ation	Action/Comment	Start	End	Photo
11	0.00	0.00	Pump Stations	Sumps/Wet Well	A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The wet well was completely dry and very little debris was present during inspection.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
12	0.00	0.00	Pump Stations	Trash Racks	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash racks were properly maintained and clear of debris.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
13	0.00	0.00	Pump Stations	Trash Rakes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash rakes don't exist at this plant.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	14
14	0.00	0.00	Pump Stations	Sluice / Slide Gates	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The slide gate appeared to be in good condition.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
15	0.00	0.00	Pump Stations	Electric Gate Operators	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The Item does not apply to the pumping plant.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	16
16	0.00	0.00	Pump Stations	Manual Gate Operators	A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operator was in good operational condition.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
17	0.00	0.00	Pump Stations	Other Metallic Items	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All metal parts appeared to be in good condition.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	18
18	0.00	0.00	Pump Stations	Flap Gates	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The flap gates appeared to be in good working condition.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	
19	0.00	0.00	Pump Stations	Closure Structures	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No closure structure was present at this plant.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	20
20	0.00	0.00	Pump Stations	Security Fencing	M	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing around the plant was damaged due to theft and vandalism.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	21
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pipes appeared to be in good working condition.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	

* Location	
LS : Land Side	
WS : Water Side	

Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log
View of the operation log	in the plant.
pkazi t 20120724 128.jpg	

Levee Mile Report Line	2				
Start Levee Mile	0.00				
End Levee Mile	0.00				
Location					
Category	Pump Stations				
Item	Operation & Maintenance Manual				
View of the O&M manual	View of the O&M manual inside the plant.				

pkazi_t_20120724_129.jpg	
Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
View of the pumping plar	nt.
pkazi_t_20120724_130.jpg	







PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	5	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Safety	
View of the guard rails around the plant.		
pkazi_t_20120724_131.jpg		

7		
0.00		
0.00		
Pump Stations		
Pumps		
View of one of the pumps inside the plant.		

pkazi_t_20120724_132.jpg		
Levee Mile Report Line	7	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Pumps	
View of a pump inside the plant.		
pkazi_t_20120724_133.jpg		







A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	11	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Sumps/Wet Well	
View of the well which was completely dry.		
pkazi_t_20120724_134.jpg		

Levee Mile Report Line	12	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Trash Racks	
View of the trash racks.		

pkazi_t_20120724_135.jpg			
Levee Mile Report Line	14		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Pump Stations		
Item	Sluice / Slide Gates		
View of the slide gate well. The bottom well was free of debris.			
pkazi_t_20120724_136.jpg			







* Location	
LS : Land Side	
WS · Water Side	

on	** Rating		
and Side	A : Acceptable	PO : Partially Obstructing	C : Corrected
/ater Side	M : Minimally Acceptable	CO : Completely Obstructing	
rown	U : Unacceptable	N : Not Inspected, see Inspector Comment	

Levee Inspection Report By Mile - Structure 2012

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	16		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Pump Stations		
Item	Manual Gate Operators		
View of the manual gate.			
pkazi_t_20120724_137.jpg			
Levee Mile Report Line 18			

pkazi_t_20120724_137.jpg	
Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
View of the flap gates.	
pkazi_t_20120724_138.jpg	





Unit Cover Sheet

2012 Pumping Plant Inspection Results

Pumping Plant				
Mormon Slough Pumping Plant No. 2				

Pumping Plant Rating	A	
Date of Inspection	7/17/2012	
DWR Inspector	Pavel Kazi	
Accompanied By	Jim Caruso SJCFC&WCD	
	Jay Jauregui SJCFC	

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/17/2012 07/17/2012	Pavel Kazi

LMR	E Levee Mile				GPS Latitude/Longitude		Issue		
R No.	Start	End	Category	Item	Rating ** Location	Action/Comment	Start	End	No. Photo
1	0.00	0.00	Pump Stations	Operating Log	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Operational log was present at the pump station.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: O&M manual was found at the plant next to the operating log during the inspection.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
3	0.00	0.00	Pump Stations	Plant Building	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building was in good structural condition without any major cracks in the concrete.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
4	0.00	0.00	Pump Stations	Communications	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: District personnel carry cell phones.	37.982317 ° -121.249433 °		
5	0.00	0.00	Pump Stations	Safety	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No safety hazard was found around the structure. All hand rails were in working condition.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
6	0.00	0.00	Pump Stations	Cranes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No crane exists at this plant.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	6
7	0.00	0.00	Pump Stations	Pumps	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pumps appeared to be well maintained and lubricated properly and the pumping system was tested periodically.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
8	0.00	0.00	Pump Stations	Power	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and reliable.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The vent fan was operational during the inspection.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
10	0.00	0.00	Pump Stations	Pump Control Systems	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pump control system was maintained to be free of corrosion or any damage.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
11	0.00	0.00	Pump Stations	Sumps/Wet Well	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The wet well appeared to be clear of excessive debris or sediments.	37.982317 ° -121.249433 °		

* Location	
LS : Land Side	
WS : Water Side	

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Catagory		[] R		GPS Latitude/Longitude Issue No				
No.	Start	End	Category	Item	Rating ** Location	Action/Comment	Start End	Photo
12	0.00	0.00	Pump Stations	Trash Racks	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash racks were properly maintained and free of any debris.	37.982317 ° 37.982317 ° -121.249433 ° -121.249433 °	
13	0.00	0.00	Pump Stations	Trash Rakes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash rakes are not installed in this facility.	37.982317 ° 37.982317 ° -121.249433 ° -121.249433 °	
14	0.00	0.00	Pump Stations	Sluice / Slide Gates	M	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The slide gate appeared to be operational but an encrochment was found bottom of the gate.	37.982317 ° 37.982317 ° -121.249433 °	
15	0.00	0.00	Pump Stations	Electric Gate Operators	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: This item was not present at this location.	37.982317 ° 37.982317 ° -121.249433 ° -121.249433 °	
16	0.00	0.00	Pump Stations	Manual Gate Operators	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operator appeared to be in good condition.	37.982317 ° 37.982317 ° -121.249433 ° -121.249433 °	
17	0.00	0.00	Pump Stations	Other Metallic Items	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All the metal parts appeared to be in good condition.	37.982317 ° 37.982317 ° -121.249433 °	
18	0.00	0.00	Pump Stations	Flap Gates	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Flap gates were in good condition and showed no damage.	37.982317 ° 37.982317 ° -121.249433 °	
19	0.00	0.00	Pump Stations	Closure Structures	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The closure structure appeared to be in good condition.	37.982317 ° 37.982317 ° -121.249433 °	
20	0.00	0.00	Pump Stations	Security Fencing	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing was in good condition without any damage.	37.982317 ° 37.982317 ° -121.249433 ° -121.249433 °	
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pipes had no break, holes or cracks.	37.982317 ° 37.982317 ° -121.249433 ° -121.249433 °	

* Location	
LS : Land Side	
WS : Water Side	

Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log
View of the operation log the pumping plant.	and O&M manual inside

pkazi_t_20120720_115.jpg

Levee Mile Report Line	3		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Pump Stations		
Item	Plant Building		
View of the numping plant			

pkazı	t 20	12072	20 11	6.pq
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Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Safety

View of the hand rails around the pumping plant.

pkazi_t_20120720_117.jpg







PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	7	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Pumps	
View of one of the pumps.		
pkazi_t_20120720_120.jpg		

Levee Mile Report Line	7
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pumps
View of another pump.	

pkazi_t_2012	0720 12	21.jpg
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Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pump Control Systems
View of the power contro	l system.

pkazi_t_20120720_122.jpg







Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sumps/Wet Well
View of the wet well.	
pkazi_t_20120720_123.jpg	

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
View of the trash racks.	

pkazi_t	20120720	124.jpg

Levee Mile Report Line	14
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sluice / Slide Gates
View of encrochment bot	tom of the slide gate.

pkazi_t_20120720_125.jpg







* Location
LS : Land Side
WS : Water Side
CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	16				
Start Levee Mile	0.00				
End Levee Mile	0.00				
Location					
Category	Pump Stations				
Item	Manual Gate Operators				
View of the manual gate.					
pkazi_t_20120720_126.jpg					

pkazi_t_20120720_126.jpg					
18					
0.00					
0.00					
Pump Stations					
Flap Gates					
View of the flap gates on the waterside.					
pkazi_t_20120720_127.jpg					





Unit Cover Sheet

2012 Pumping Plant Inspection Results

Pumping Plant	
Mormon Slough Pumping Plant No. 3	

Pumping Plant Rating	A
Date of Inspection	7/17/2012
DWR Inspector	Pavel Kazi
Accompanied By	Jim Caruso SJCFC&WCD
	Jay Jauregui SJCFC

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/17/2012 07/17/2012	Pavel Kazi

LMR No.	Levee	Mile End	Category	Item	Rating ** Location	Action/Comment	GPS Latitude/Longitude	Issue No. Photo
1	0.00	0.00	Pump Stations	Operating Log	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Maintenance log was present at the pumping plant.	37.973983 ° 37.973983 -121.229967 ° -121.229967	
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The O&M manual was present at the pumping plant next to the operating log.	37.973983 ° 37.973983 -121.229967 ° -121.229967	
3	0.00	0.00	Pump Stations	Plant Building	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building appeared to be in good structural condition.	37.973983 ° 37.973983 -121.229967 ° -121.229967	
4	0.00	0.00	Pump Stations	Communications	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The district personnel carry cell phones.	37.973983 ° 37.973983 -121.229967 ° -121.229967	
5	0.00	0.00	Pump Stations	Safety	A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No safety hazard was found around the pumping plant and guard rails around the plant were in a good condition.	37.973983 ° 37.973983 -121.229967 ° -121.229967	
6	0.00	0.00	Pump Stations	Cranes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: There are no cranes in this plant.	37.973983 ° 37.973983 -121.229967 ° -121.229967	
7	0.00	0.00	Pump Stations	Pumps	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All pumps were appeared to be in good condition and maintained properly.	37.973983 ° 37.973983 -121.229967 ° -121.229967	
8	0.00	0.00	Pump Stations	Power	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and reliable.	37.973983 ° 37.973983 -121.229967 ° -121.229967	
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers	A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumping motors appeared to be operational and lubrication was maintained on all the pumps.	37.973983 ° 37.973983 -121.229967 ° -121.229967	
10	0.00	0.00	Pump Stations	Pump Control Systems	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pump control system appeared to be operational and free of damage.	37.973983 ° 37.973983 -121.229967 ° -121.229967	
11	0.00	0.00	Pump Stations	Sumps/Wet Well	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Wet well was clear of any excessive debris.	37.973983 ° 37.973983 -121.229967 ° -121.229967	

Location				
LS : Land Side				
WS : Water Side				

** Rating

A : Acceptable

M : Minimally Acceptable

U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

C : Corrected

Thursday, September 06, 2012 14:07

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/17/2012 07/17/2012	Pavel Kazi

LMR No.	Levee	Mile End	Category	Item	Rating ** Location	Action/Comment	GPS Latitude/Longitude Start End	Issue No. Photo
12	0.00	0.00	Pump Stations	Trash Racks	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The trash racks were free of any debris.	37.973983 ° 37.973983 ° -121.229967 °	
13	0.00	0.00	Pump Stations	Trash Rakes	N	Item inspected visually only. Item was not operated during the inspection.	37.973983 ° 37.973983 ° -121.229967 °	
14	0.00	0.00	Pump Stations	Sluice / Slide Gates	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Slide gates appeared to be free of sediment and obstructions.	37.973983 ° 37.973983 ° -121.229967 °	
15	0.00	0.00	Pump Stations	Electric Gate Operators	N	Item inspected visually only. Item was not operated during the inspection.	37.973983 ° 37.973983 ° -121.229967 °	
16	0.00	0.00	Pump Stations	Manual Gate Operators	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate appeared to be in good working condition.	37.973983 ° 37.973983 ° -121.229967 °	
17	0.00	0.00	Pump Stations	Other Metallic Items	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Other metalic parts within the pumping plant appeared to be in a good condition.	37.973983 ° 37.973983 ° -121.229967 °	
18	0.00	0.00	Pump Stations	Flap Gates	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Flap gates were appeared to be in good condition.	37.973983 ° 37.973983 ° -121.229967 °	
19	0.00	0.00	Pump Stations	Closure Structures	N	Item inspected visually only. Item was not operated during the inspection.	37.973983 ° 37.973983 ° -121.229967 °	
20	0.00	0.00	Pump Stations	Security Fencing	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing was undamaged and prevented unauthorized access.	37.973983 ° 37.973983 ° -121.229967 ° -121.229967 °	
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pipes appeared to be in good condition.	37.973983 ° 37.973983 ° -121.229967 ° -121.229967 °	

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	1				
Start Levee Mile	0.00				
End Levee Mile	0.00				
Location					
Category	Pump Stations				
Item	Operating Log				
View of the operating log and O&M manual inside the pumping plant.					
pkazi_t_20120720_105.jpg					

Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
View of the pumping plan	nt.

pkazi_t_20120720_115.jpg

pka21_t_20120720_113.jpg		
Levee Mile Report Line	5	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Safety	
View of the guard rails around the plant.		
pkazi t 20120720 116.jpg		







A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	7	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Pumps	
View of one of the pumps.		
pkazi_t_20120720_108.jpg		
L Mil. D (12.)	-	

Levee Mile Report Line	7	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Pumps	
View of another pump inside the pumping plant.		

pkazi_t	20120720	_109.jpg

pkazi_t_20120720_109.jpg	
Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pump Control Systems
View of the power contro plant.	I systems inside the
pkazi_t_20120720_110.jpg	







C : Corrected

Levee Inspection Report By Mile - Structure 2012

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sumps/Wet Well
View of wet well.	
pkazi_t_20120720_111.jpg	

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
View of the trash racks.	

pkazi_t_20120720_117.jpg	
Levee Mile Report Line	14
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sluice / Slide Gates
View of the slide gate.	
pkazi_t_20120720_113.jpg	







A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2012

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/17/2012 07/17/2012	Pavel Kazi

Levee Mile Report Line	20
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Security Fencing
View of the security fencing around the pumping plant.	
pkazi_t_20120720_114.jpg	

